

COURSE OUTCOME
MAJULI COLLEGE

DEPARTMENT OF ASSAMESE

Course Outcome:

1. History of Early and Medieval Assamese Literature.
2. History of Modern Assamese Literature.
3. General Linguistics and History of Linguistics.
4. Study of Assamese Poetry.
5. Study of Assamese Prose.
6. Study of Assamese language and Script and Textual Criticism.
7. Study of Literary Theory and Literary Criticism (East and West).
8. Cultural History of Assam and classification Scopes of Assamese culture.
9. Study of Dialectology and Dialects of Assamese Language.
10. Study of Comparative Indian Literature.

DEPARTMENT OF BOTANY

Course Outcomes:

1. Describe general contribution of scientists for development of microbiology.
2. Classify micro-organisms and characteristics features of different groups of micro-organisms.
3. Describe microbiology of food, milk and milk.
4. Scope of biotechnology, application of biotechnology in Agriculture and industry.
5. Genetic engineering and its merits and demerits.
6. Describe Tissue culture – basic principle, medium, protoplast fusion and somatic hybridization.
7. Basic knowledge of industrial microbiology with reference to production of alcohol, vinegar and antibiotic.

DEPARTMENT OF CHEMISTRY

Course Outcomes:

1. To understand physical, Inorganic and Organic Chemistry in their advanced treatment.
2. To introduced importance of Chemical Thermodynamics, non-transition metals and different types of organic reactions.
3. To understand Co-ordination Chemistry and Inorganic reaction mechanism.
4. To understand methods of preparation, properties and uses of different classes of organic compounds
5. To understand principles of electrochemistry and its application
6. To understand methods of extraction of natural products, their synthesis and uses.
7. To understand kinetics of reactions
8. To understand Bio-Chemistry and pharmaceutical compounds
9. To have an idea about Quantum Chemistry
10. To understand Photochemistry, macromolecules, catalysis and statistical thermodynamics.
11. To understand Bio-inorganic chemistry
12. To understand basics of spectroscopy
13. Introduction to principles of Green Chemistry.

DEPARTMENT OF ECONOMICS

Course Outcomes:

1. To enrich financial knowledge for solving the problem of poverty, illiteracy and malnutrition.
2. How industrial development and non-economic use of natural resources become havoc for environmental damage in our nature. The students can realize the gravity of the situation that it becomes threat to the universe.
3. To understand the real economic situations of Economy and to acquire knowledge of International Economics.

4. To harness unutilized natural resources through the process of industrialization to solve the problem of growing unemployment.
5. How to develop service sector in particular reference to tourism, trade and commerce etc.

DEPARTMENT OF EDUCATION

Course Outcomes:

1. To develop an understanding of the basic principles of education.
2. To understand the cultural heritage of India.
3. To understand education as a process of modification of behavior.
4. To acquaint the students with the process and techniques of scientific measurement of human behavior.
5. To acquaint the students with the development of ideas, practices, institutions and systems in the field of education.
6. To acquaint the students with the innovations in different aspects in the field of education.

DEPARTMENT OF ENGLISH

Course Outcomes:

1. Comprehensive knowledge of English social and cultural history.
2. Understanding the history and nature of English language and linguistics.
3. Knowledge of the major traditions of literature written in English.
4. Study of prose, fiction, poetry, drama, philosophy of different traditions including British, Indian and American.
5. Opportunity to study postcolonial texts.
6. Develop an ability to study texts in relation to their historical and culture contexts.
7. Knowledge of major literary genres, terms and concepts such as modernism and postmodernism.
8. Develop the ability to read works of criticism and theory.
9. Demonstrate the skills required for conversation in English.

DEPARTMENT OF GEOGRAPHY

Course Outcomes:

1. Inter-relation between other subjects as well as relation with other branches of earth sciences
2. To acquaint the students with the various sectors of economy and the importance and spatial distribution of resources
3. Ability to identification of climatic differences on the earth and consequences of human activities on the atmospheric processes.
4. Awareness among the students regarding the multi dimensional nature of regional space and the resultant spatial structure.
5. To develop skills among the students regarding the use of modern tools and techniques like GPS, GIS, interpretation and comparison of satellite imagery.
6. Ability to know the history of Geographical thoughts through the course of time by the students.

DEPARTMENT OF HISTORY

Course Outcomes:

1. Critically analyse sources to interpret data in order to evaluate historical events.
2. How policies and practical developed in the past continue to impact their Contemporary lives.
3. Develop the ability to distinguish between facts and fiction while understanding the historical truth.
4. Develop and informed familiarity with multiple culture.

DEPARTMENT OF MATHEMATICS

Course Outcomes for B.A. /B.Sc.

1. Knowledge of Elementary Method in ordinary differential Equation.

2. Discussion of a particle in two dimension motion on a smooth sphere, cone and on any surface of revolution.
3. Introduction to infinite integral.
4. How to develop Numerical Method using C- programming.
5. To understand the Metric space, sequence and series of functions.

DEPARTMENT OF PHYSICS

Course Outcomes:

1. To study the mechanical properties of solid & liquid state of matter.
2. Study of thermal properties of matter. Transformation of energy in different brands such as magnetic and electrical behavior.
3. Optical properties of specific materials like glass, lens etc. and study of diffraction, polarization and fibre optics.
4. To study anantum behavior of atomic phenomenon's.
5. To study mathematical behaviors of physical laws.
6. To study the nuclear and atomic phenomenon's in microscopic and macroscopic dimensions.
7. To study the properties of electrons in metals, semiconductors, insulators and nenomaterials.
8. To study the relation between statistical and classical behavior of functions of distinguishable and indistinguishable particles.
9. To study the physical processes going on inside stars and galaxies.
10. To study the branches of LASER and MASER and its application.

DEPARTMENT OF POLITICAL SCIENCE

Course Outcomes:

1. To against the students of Political Science with the processes and dynamics of Indian politics.
2. To against the students with the basic concept, principles and dynamics of public Administration.
3. Concerned with the important theories and issues of International Relations.
4. Introduce the students with the diverse political system.
5. Provide knowledge on the basic concepts of the discipline.
6. Concerned with the different issues of Human Rights.
7. To generate sensitization for women's issues and problems.
8. To familiarize with the problems and prospects of Rural Development in India.

DEPARTMENT OF SOCIOLOGY

Course Outcomes:

1. The course aims at the understanding of Sociology, its background both in west and Indies
2. The course aims at acquainting the students with the frame work of India social system
3. It helps the students in acquiring knowledge on the research related activities.
4. The course helps the students in understanding the nature, characteristics of heterogeneous social system of North-Eastern India.
5. "Health is primarily a social science subject than of medical science"- the study of the course will help the realize the reality of the above statement.
6. Upliftment of rural poor is the main goal of today's India. The course helps in understanding the R.D. Programmes taken by the govt.

DEPARTMENT OF ZOOLOGY

Course Outcomes:

1. Describe about classification, diversity, anatomy of non-chordates and chordates.
2. About basic concept of biochemistry, bioinstrumentation and biostatistics, cell biology, histology, histochemistry and developmental biology.
3. Basic knowledge of genetics, human genetics, evolution, environmental issues and wildlife, human physiology, endocrine system of human & other animals.
4. Basic concepts of parasitism, vectors, diseases, pathogen city and ethology.
5. Details about molecular biology, immunology, biotechnology, bioinformatics.
6. Basic knowledge of application biology-apiculture, sericulture, aquaculture, piggery etc.

DEPARTMENT OF SANSKRIT

Course Outcomes:

1. Discuss the basic theories of Sanskrit Grammar.
2. Analyse the cultural heritage of India. Ancient Indian literature and its influence on later literature and society.
3. Highlight various moral lessons which helps to improve morality/ pertaining to morals and ethical judgment.
4. Analyse the basic concepts of various branches of Indian philosophy.
5. To enrich the basic concepts of translation from Sanskrit to other language and vice-versa.
6. Discuss the ancient science of Technology, Medical Science, and Astronomy Mathematics etc. which is called the foundation of Modern Science of Technology and others respectively.